BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,
No. BBMP/EE/DD/Ten/03/2013-14, Date: 16.08.2016 ITEM NO : 05
SCHEDULE – B

NAME OF WORK: Modified Estimate for Improvements to main & Cross roads at Ayimatha Temple Raod, in ward No.13, in Shettyhalli Sub Division. (2nd Call)

SL. NO.	Description of work	Unit	Qty	Rates Quoted by Contractor G. Aswathappa	
				In Figures (Rs)	I Words (Rs)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average life upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per the direction of Engineer-in-charge of the work.	Cum	243.90	250.0	Rupees Two Hundred Fifty Only
2	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 330kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per the direction of Engineer-in-charge of the work.	Cum	36.59	5000.00	Rupees Five Thousand only
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement@320kgs, with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, staircase, retaining walls. Return walls, walls (any thickness) including attached plasters, columns, piers abutments. Pillars, posts struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks,	Cum	97.56	4,500.00	Rupees Four Thousand Five Hundred only

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	plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per the direction of Engineer-in- charge of the work.				
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding to the adjoining members wherever necessary complete as per design(laps, hooks, and wastage shall not be measured and paid) cost of material , labour, HOM of machinery complete a per the direction of Engineer-in-charge of the work.	Cum	53.66	7,200.00	Rupees Seven Thousand Two Hundred only
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of from work for vertical surface such a walss at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per the direction of Engineer-in-charge of the work.	Cum	776.00	400.00	Rupees Four Hundred Only
6	Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm and down size graded Granit metal using HYSD 10 mm dia steel@100mm c/c both ways & complete as per the direction of Engineer-in-charge of the work.	Cum	240.30	1600.00	Rupees One Thousand Six Hundred only
7	Earthwork excavation and forming in embankment by manual means in ordinary soil (when earth id taken from bank cutting or from borrow pits) including braking of clods, spreading to required line and level forming and cost of all labour complete as per specification (Excluding water and compaction of earth (with all lead and lift) complete as per the direction of Engineer-in-charge of the work.	Cum	75.50	200.00	Rupees Two Hundred only
8	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1.6) including fixing curing etc., complete 7.5 cms thick complete as per the direction of Engineer-in-charge of the work.	Cum			
9	Construction of granular sub base of grading II material by providing close graded material in a mechanic mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibrator power roller to achieve the desired density, complete as per the	Cum			

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	specification. A plant mix method complete as per the direction of Engineer-in-charge of the work.				
10	Compaction of original ground with maximum of 6 passes of 8 to 10 power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per the specification complete as per the direction of Engineer-in-charge of the work.	Cum	302.00	6.00	Rupees Six Only
11	Providing , laying ,spreading and compacting graded stone aggregates to wet mix macadam specification including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base /base course on well prepared the desired density complete as per specification. Specification No. 406 with all leads and lifts etc., complete as the direction of Engineer-in-charge of the work.	Cum	60.40	1400.00	Rupees One Thousand Four Hundred Only
12	Providing and applying primer coat with S.S Bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm leads and lift etc., complete as per the direction of Engineer-in-charge of the work.	Cum	302.00	32.00	Rupees Thirty Two Only
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per the direction of Engineer-in-charge of the work.	Cum	1533.0	5.00	Rupees Five Only
14	Providing and applying tack coat on the prepared black topped surface at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set(excluding cleaning of road surface) including cost of all materials, labou, HOM of machineries complete as per the direction of Engineer-in-charge of the work.	Cum	1533.0	40.00	Rupees Fourty only
15	Providing and laying bituminous concrete 30- 40mm thickness Hot Mix Plant Using using crushed aggregates of specified grading, premixed with bituminous binder at mix filler, transporting, the hot mix	Cum	61.52	6000.00	Rupees Six Thousand Only

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8	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1.6) including fixing curing etc., complete 7.5 cms thick complete as per the direction of Engineer-in-charge of the work.	Cum			
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